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As a below named Inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled A Method To Form A Robust TICI4 Based CVD TiN Film

DOCKET NO. **TS01-1630**

the specification of which (check one)				
is attached hereto.				
x was filed on NOVEMBER 26	5, 2003			
Application Serial No. <u>10/723,237</u>				
and was amended on	-1:11.			
(if applicable) I hereby state that I have reviewed and understand the contents of the above Identified specification including the claims, as amended by any amendment referred to above.				
I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).				
I hereby claim foreign priority benefits under Title 35, United States Code §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed: Prior Foreign Application(s)				
(b)		Priority Claimed:		
(Number)	(Country)	(Day/Month/Year Filed)		
(Number)	(Country)	(Day/Month/Year Filed)		
I hereby claim the benefit under Title 35, as the subject matter of each of the claims manner provided by the first paragraph of information as defined in Title 37, Code o application and the national or PCT intern	United States Code §120 of a of this application is not disk Title 35, United States Code of Federal Regulations, §1.56 ational filing date of this app	ny United States application(s) listed below and, insofar closed in the prior United States application in the \$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\		
		(patented, pending, abandoned)		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.				
POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name & registration no.)				
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Inventor's signature		3/8/2004		
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DOCKET NO. **TS01-1630**

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Kuo - Yin Lin Inventor's signature	7-(-11, -13, -20	· /
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Inventor's signature		
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Residence		
Citizenship		
Post Office Address		
Full name of sixth inventor		
Tun mane of sixth inventor	Date	
Inventor's signature		
Residence		
Citizenship		
Post Office Address		

	For x U.S. and/or x Foreign Rights			
TS01-1630	For X Application or U.S. Patent			
	By x Inventor(s) or Present Owner			
ASSIGNMENT	C OF INVENTION			
In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,				
ASSIGNOR:				
CHIH-TA WU Type or print name of ASSIGNOR 177, No. 301, Co., 2. Guangfu Rd Address Histh-chu Crty, Tarwan R. D. C. Hayublic of China Nationality Rawian	KUO YIN LIN Type or print name of ASSIGNOR #21, Alley 39, Hsiang - Hsing 3 Lane, Address Sec 2 Chung - Hsing Road, Da - Li, Taichung, 412, Taiwan R. O. C., Papublic of China, Talwan Nationality			
MIN-HSIUNG CHIANG Type or print name of ASSIGNOR IF., NO.2, Alley to, Lone 331, Chang-an Address Banciao City, Taipei County, Taiwan Republic of China Tawwan Nationality do hereby sell, assign and transfer to ASSIGNEE: Taiwan Semiconductor Manufacturing Co No. 8, Li-Hsin Rd. 6 Science-Based Industrial Park Hsin-Chu, Taiwan 300-77 Taiwan, R.O.C. Nationality				
and the successors, assigns and legal representatives of the ASSIGNEE				
(complete one of the following) x the entire right, title and interest				
an undivided percent (%) interest for the United States and its territorial possessions (check the following box/f foreign rights are also to be assigned)				
x and in all foreign countries				

in and to any and all improvements which are disclosed in the invention entitled:

A Method To Form A Robust TICI4 Based CVDTiN Film

and which is found in

(a)	x U.S. patent application executed on eve	n date herewith
(b)	U.S. patent application executed on	
(c)		filed on
(d)	U.S. patent no.	issued
	(also check (e) if the	issued foreign application(s) is also being assigned)
(e)	x and any legal equivalent thereof in a fore	eign country, including the right to claim priority
and cont ther	inuation, division, renewal, or substitute, thereof	for said invention by the above application or any and as to letters patent any re-issue or re-examination
be n	ASSIGNOR hereby covenants that no assignm nade or entered into which would conflict with the	nent, sale, agreement or encumbrance has been or will his assignment.
or pr any a appli or de	nent facts and documents relating to said inver be known and accessible to ASSIGNOR and voceeding related thereto and will promptly execu- and all papers, instruments or affidavits required ication, said invention and said Letters Patent a esirable to carry out the purposes thereof.	E will, upon its request, be provided promptly with all ntion and said Letters Patent and legal equivalents as will testify as to the same in any interference, litigation and deliver to ASSIGNEE or its legal representatives to apply for, obtain, maintain, issue and enforce said and said equivalents thereof which may be necessary
WAF	(Date RNING Date of signing must be the same as the date of s	of signing)
		Signature of ASSIGNOR(S) Kuo- Yin Lin Min- Issiung Chiang
If AS	SIGNOR is a legal entity complete the following info	ormation
		Type or print the name of the above person authorized to sign on behalf of ASSIGNOR
	Note: No witnessing notarization or legalization in a legalization of legalization of legalization in the legalization of lega	Title
	And the street if notarization or legalization is necessary, if the assi-	gnment is notarized or legalized then it will only be prima facie evidence (35 USC
		Notarization of Legalization Page Added.